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A PRELIMINARY CHECKLIST OF  
**THE MARINE  
AND  
ESTUARINE INVERTEBRATES  
OF  
MAINE**

MAR 2 1976

COASTAL ZONE  
INFORMATION CENTER



by Lee F. Perkins  
Peter F. Larsen

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A PRELIMINARY CHECKLIST OF THE  
MARINE AND ESTUARINE INVERTEBRATES  
OF MAINE

U. S. DEPARTMENT OF COMMERCE NOAA  
COASTAL SERVICES CENTER  
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STATEMENT OF APPENDICES

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## PREFACE

During the preceding century several investigators have cataloged and described the invertebrate fauna of selected areas of the Maine coast. Principal among these are Verrill (1873) in Casco Bay, Webster and Benedict (1885) at Eastport, Kingsley (1901) also in Casco Bay, and Procter (1933) in the Mount Desert Island region. Since the passing of the era of descriptive biology, much of the interest in the invertebrate biota of the Maine coast has been perpetuated. This is especially true in the Cobscook Bay, Sheepscot River and Isle of Shoals regions. This work and other projects along the coast have been fragmented, however, and there has been no significant effort to collate all of the material collected into a comprehensive volume that would be useful to investigators all along the Maine coast.

At the initiation of the State Planning Office and the Department of Marine Resources, and at the encouragement of TRIGOM, to summarize information on the distribution and abundance of the marine and estuarine macroinvertebrates of Maine, the authors undertook to produce an annotated checklist that would be useful to planners, educators and the general public, as well as to the scientific community. The popularity of an earlier checklist of marine invertebrates, principally from the Brunswick region (Knowlton, 1971) provided the impetus for the construction of a more detailed list encompassing the entire Maine coast. The present document is a first cull of the recent data (since 1940) and is offered as a preliminary report for use while the longer, complete form is in preparation.

Data for this report were derived from several sources. The open scientific literature was thoroughly searched. Gray literature, such as environmental baseline studies and progress reports on research projects, was used. In addition, interviews were conducted among all colleges and universities, research groups and private citizens known to have a biological interest in the Gulf of Maine region. TRIGOM'S Directory of Marine Research Facilities and Personnel in Maine, 3rd Edition (1974), was useful in this phase of data gathering. The bibliography is divided into two sections, one for literature available through routine channels and the other for manuscripts, to emphasize the diverse nature of the data sources.

This checklist, therefore, contains information derived from unverified student reports, as well as from extremely accurate scientific contributions. There are, however, surprisingly few suspicious identifications and, at this point, we are not questioning any of them. As work on this undertaking continues we expect to be able to remove these few probable misidentifications with confidence that we are not suppressing a significant range extension. In the meantime, the user should remember that all of the species included are not rigorously documented.

The Coastal Planning Group of the Maine State Planning Office has divided the Maine coastline into 11 planning regions. We have followed this convention to make this contribution of direct use to the planners, as a gross way of describing species' distribution, and as a means of highlighting areas where thorough surveys have not been accomplished. Following the name of each species in the checklist are listed the numbers of the regions in which the species

presence has been reported since 1940. In the bibliography, the region(s) in which a piece of research was undertaken are listed following each entry. The regions are outlined in Fig. 1 and the names of included towns are as follows:

- Region 1. Upper Penobscot Bay - Northport, Belfast City, Searsport, Stockton Springs, Prospect, Frankfort, Bucksport, Orland, Penobscot, Castine, Brooksville, and Islesboro.
- Region 2. Knox Region - Friendship, Cushing, St. George, South Thomaston, Thomaston, Owls Head, Warren, Rockland City, Rockport, Camden, Lincolnville, North Haven, Vinalhaven, and Matinicus Plantation.
- Region 3. East Penobscot Bay - Isle au Haut, Stonington, Deer Isle, Sedgwick, Blue Hill, Brooklin, Swans Island, and Long Island Plantation.
- Region 4. East Hancock County - Cranberry Isles, Southwest Harbor, Mount Desert, Bar Harbor, Trenton, Surry, Ellsworth City, Township 8 Southern Division, Hancock, Lamoine, Franklin, Township 9 Southern Division, Township 10 Southern Division, Sullivan, Sorrento, Township 7 Southern Division, Gouldsboro, and Winter Harbor.
- Region 5. Lincoln County - Southport, Boothbay Harbor, Boothbay, Westport, Edgecomb, Wiscasset, Dresden, Alna, Newcastle, Nobleboro, Waldoboro, Damariscotta, Bremen, Bristol, and South Bristol.
- Region 6. Western Mid-Coast - Harpswell, Brunswick, Topsham, Bowdoinham, Richmond, Perkins Township, Woolwich, Bath City, West Bath, Phippsburg, Arrowsic, and Georgetown.
- Region 7. West Washington County - Steuben, Cherryfield, Milbridge, Harrington, Columbia, Columbia Falls, Addison, Centerville, Jonesboro, Jonesport, Beals, and Roque Bluffs.
- Region 8. Central Washington County - Whitneyville, Marshfield, Machias, East Machias, Machiasport, Marion Township, Whiting, and Cutler.
- Region 9. East Washington County - Trescott Township, Edmunds Township, Dennysville, Pembroke, Calais City, Robbinston, Perry, Eastport City, and Lubec.
- Region 10. Cumberland-Greater Portland - Scarboro, Cape Elizabeth, South Portland City, Portland City, Falmouth, Cumberland, Yarmouth, and Freeport.
- Region 11. Southern Maine - Kittery, Eliot, South Berwick, York, Wells, Kennebunk, North Kennebunkport, Kennebunkport, Biddeford City, Saco City, and Old Orchard Beach.

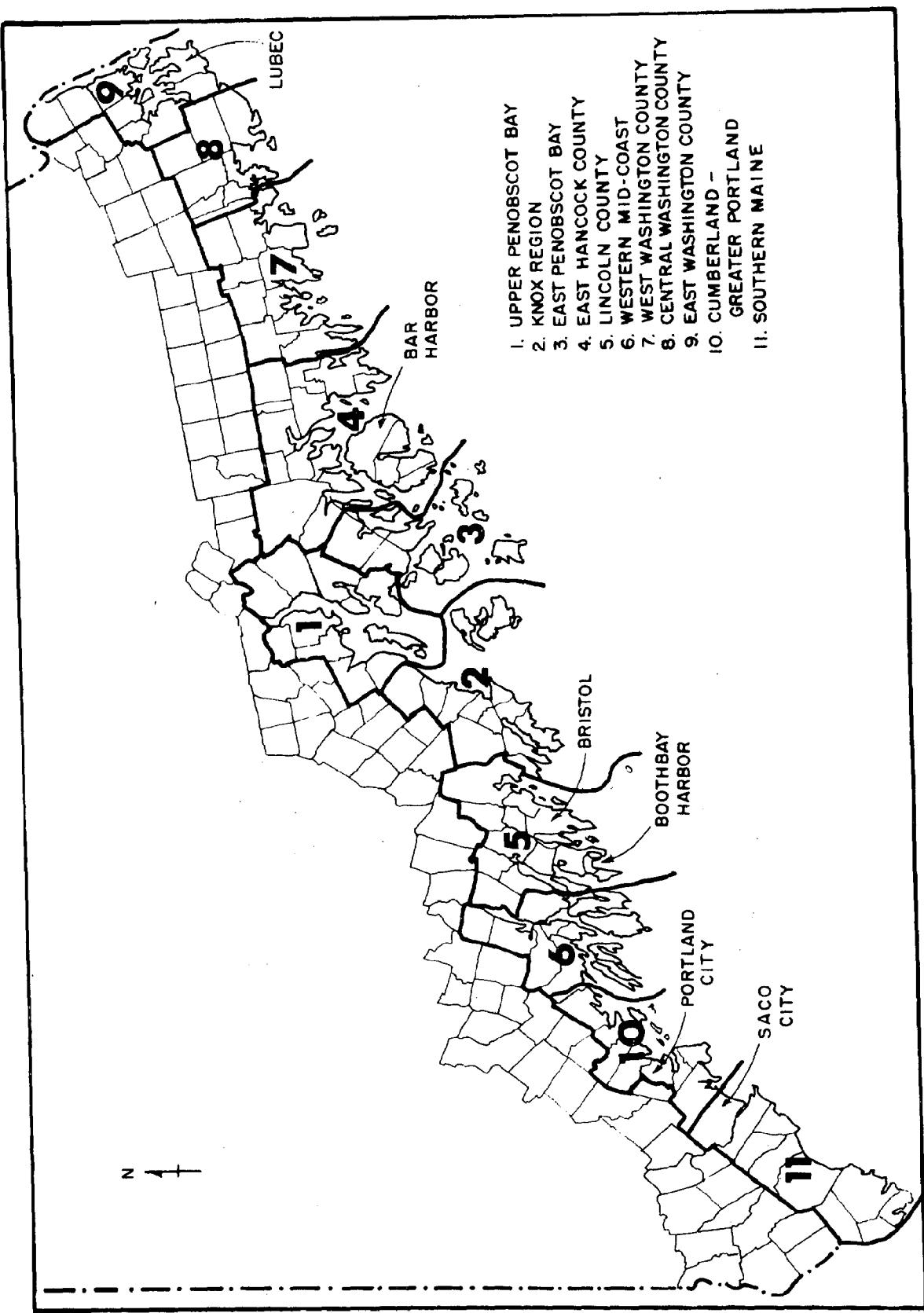


Figure 1. Planning regions as designated by the Coastal Planning Group of the Maine State Planning Office.

The phyla, and the higher taxa within each phylum, are arranged in phylogenetic order following Gosner (1971). Within the lowest taxon above the generic level, however, species are listed in alphabetical order for the convenience of non-specialists.

We believe that many more than the 767 invertebrate species listed here are inhabitants of the various habitats of the Maine coast. We would appreciate receiving additions and corrections to the checklist so that subsequent editions may be more complete.

Peter F. Larsen  
West Boothbay Harbor

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## PHYLUM CNIDARIA

	Region
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Family Hydridae	
<i>Protohydra</i> sp.	1
Family Corymorphiidae	
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Family Tubulariidae	
<i>Tubularia</i> sp.	5, 6, 9
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<i>Tubularia larynx</i>	9, 11
<i>Tubularia spectabilis</i>	9
Family Acaulidae	
<i>Acaulis primarius</i>	5
Family Corynidae	
<i>Sarsia tubulosa</i>	7, 11
Family Pennariidae	
<i>Pennaria tiarella</i>	5
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<i>Cordylophora lacustris</i>	1, 5
Family Hydractiniidae	
<i>Hydractinia</i> sp.	9
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<i>Sertularella tricuspidata</i>	5, 9
<i>Sertularia sp.</i>	4, 5, 6, 7, 10, 11
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<i>Thuiaria argentea</i>	9
<i>Thuiaria cypressina</i>	4
<i>Thuiaria similis</i>	9
Family Plumularidae	
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Family Physonectae	
<i>Stephanomia sp.</i>	9
Class Scyphozoa	
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Family Eleutherocarpidae	
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Family Nephtheidae	
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Order Actiniaria	
Tribe Athenaria	
Family Edwardsiidae	
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<i>Edwardsia sipunculoides</i>	5
Family Halcampidae	
<i>Halcampa duodecimcirrata</i>	5, 9
Tribe Thenaria	

	Region
Family Actinidae	
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<i>Bunodactis stella</i>	<i>7, 8, 9</i>
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Family Beroidae	
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## PHYLUM PLATYHELMINTHES

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<i>Bdelloura candida</i>	5
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## PHYLUM RHYNCHOCOELA

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<i>Cerebratulus luridus</i>	10
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<i>Lineus sp.</i>	4
<i>Lineus arenicola</i>	11
<i>Lineus bicolor</i>	5
<i>Lineus dubius</i>	10
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<i>Tubulipora liliacea</i>	5, 9
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<i>Littorina littorea</i>	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11
<i>Littorina obtusata</i>	1, 4, 5, 6, 7, 8, 9, 10, 11
<i>Littorina saxatilis</i>	1, 2, 4, 5, 6, 7, 8, 9, 10, 11
Family Hydrobiidae	
<i>Hydrobia sp.</i>	5, 6, 10
<i>Hydrobia minuta</i>	5, 6, 10, 11
<i>Hydrobia salsa</i>	5
<i>Hydrobia totteni</i>	1, 5, 6, 9

	Region
Family Rissoidae	
<i>Alvania arenaria</i>	9
<i>Alvania areolata</i>	9
<i>Alvania castanea</i>	9
<i>Cingula aculeus</i>	5, 9, 11
Family Skeneopsidae	
<i>Skeneopsis planorbis</i>	6, 9, 10, 11
Family Turritellidae	
<i>Turritellopsis acicula</i>	9
Family Epitoniidae	
<i>Epitonium greenlandicum</i>	9
Family Trichotropidae	
<i>Trichotropis conica</i>	9
Family Calyptitraeidae	
<i>Crepidula sp.</i>	3
<i>Crepidula convexa</i>	2, 5
<i>Crepidula formicata</i>	2, 4, 5, 6, 7, 9, 10, 11
<i>Crepidula plana</i>	2, 5, 6, 8, 9, 10, 11
<i>Crucibulum striatum</i>	7, 8, 9
Family Aporrhaidae	
<i>Aporrhais occidentalis</i>	9, 10, 11
Family Naticidae	
<i>Natica clausa</i>	9, 11
<i>Polinices sp.</i>	1, 5, 9, 10, 11
<i>Polinices duplicatus</i>	3, 5, 9, 10
<i>Polinices heros</i>	1, 4, 5, 6, 7, 9, 10, 11
<i>Polinices triseriata</i>	2, 4, 5, 8, 9, 10, 11
Family Lamellariidae	
<i>Marsenina glabra</i>	8, 9
<i>Velutina sp.</i>	11
<i>Velutina laevigata</i>	5, 9
<i>Velutina undata</i>	5, 8, 9
Order Neogastropoda	
Family Muricidae	
<i>Boreotrophon clathratus</i>	9
<i>Thais (Nucella) lapillus</i>	1, 2, 4, 5, 6, 7, 8, 9, 10, 11
<i>Urosalpinx cinerea</i>	4, 5, 7, 9, 10
Family Columbellidae	
<i>Mitrella dissimilis</i>	9
<i>Mitrella lunata</i>	5, 6
Family Buccinidae	
<i>Buccinum undatum</i>	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11
<i>Colus sp.</i>	5
<i>Colus pygmaeus</i>	5, 7, 9, 10, 11
<i>Colus stimpsoni</i>	5, 8, 9, 10, 11
<i>Neptunea decemcostata</i>	5, 7, 8, 9, 10, 11
Family Melongenidae	
<i>Busycon canaliculatum</i>	10
Family Nassariidae	
<i>Nassarius sp.</i>	5
<i>Nassarius obsoletus</i>	1, 2, 4, 5, 6, 10, 11
<i>Nassarius trivittata</i>	1, 2, 5, 10
<i>Nassarius vibex</i>	11

	Region
Family Turridae	
<i>Lora cancellata</i>	4
<i>Lora pleurotomaria</i>	9
<i>Lora scalaris</i>	5
<i>Lora turricula</i>	9
Subclass Opisthobranchia	
Order Cephalaspidea	
Family Diaphanidae	
<i>Diaphana minuta</i>	5
Family Retusidae	
<i>Acteocina (Retusa) canaliculata</i>	5, 10
<i>Acteocina (Retusa) obtusata</i>	5
Family Scaphandridae	
<i>Cyllichna alba</i>	2, 5, 10
<i>Cyllichna occulta</i>	3
Family Atyidae	
<i>Haminoea solitaria</i>	4, 5
Order Sacoglossa	
Suborder Elysiacea	
Family Elysiidae	
<i>Elysia chlorotica</i>	5, 11
Order Thecosomata	
Suborder Euthecosomata	
Family Spiratellidae	
<i>Spiratella leseuri</i>	10
Order Gymnosomata	
Family Clionidae	
<i>Clione limacina</i>	9
Order Nudibranchia	
Suborder Doridacea	
Family Okeniidae	
<i>Ancula gibbosa</i>	9
Family Lamellidorididae	
<i>Acanthodoris pilosa</i>	5, 8, 9, 11
<i>Onchidorus aspersa</i>	5, 7, 8, 9, 10, 11
<i>Onchidorus diademata</i>	5, 11
<i>Onchidorus fusca</i>	4, 5, 7, 9, 11
<i>Onchidorus grisea</i>	7
Family Polyceridae	
<i>Polycera dubia</i>	5, 9, 11
Suborder Dendronotacea	
Family Dendronotidae	
<i>Dendronotus sp.</i>	4
<i>Dendronotus frondosus</i>	4, 5, 7, 8, 9, 11
<i>Dendronotus robustus</i>	9
Family Dotoniidae	
<i>Doto coronata</i>	5, 9, 11
Suborder Aeolidacea	
Family Coryphellidae	
<i>Coryphella sp.</i>	5, 9
<i>Coryphella pellucida</i>	9, 11
<i>Coryphella rufibranchialis</i>	4, 8, 9, 11
<i>Coryphella salmonacea</i>	7, 8, 9

	Region
Family Eubranchidae	
<i>Eubranchus exigua</i>	<i>9, 11</i>
Family Cuthonidae	
<i>Cuthona concinna</i>	<i>9, 11</i>
<i>Embletonia fuscata</i>	<i>11</i>
<i>Tergipes despectus</i>	<i>9, 11</i>
Family Aeolidiidae	
<i>Aeolidia papillosa</i>	<i>4, 5, 7, 8, 9</i>
Families of Uncertain Status	
Family Pyramidellidae	
<i>Odostomia sp.</i>	<i>5</i>
<i>Odostomia bisuturalis</i>	<i>5</i>
<i>Odostomia gibbosa</i>	<i>10</i>
<i>Odostomia trifida</i>	<i>5</i>
<i>Pyramidella fusca</i>	<i>5, 10</i>
<i>Turbonilla bushiana</i>	<i>9</i>
<i>Turbonilla interrupta</i>	<i>5</i>
Subclass Pulmonata	
Order Basommatophora	
Family Ellobiidae	
<i>Melampus bidentatus</i>	<i>5, 6</i>
<i>Ovatella myosotis</i>	<i>5, 10, 11</i>
Class Scaphopoda	
Family Dentaliidae	
<i>Dentalium sp.</i>	<i>3</i>
<i>Dentalium entale</i>	<i>5, 10</i>
Class Bivalvia	
Subclass Prionodesmata	
Order Protobranchia	
Family Nuculidae	
<i>Nucula sp.</i>	<i>2, 3, 5, 11</i>
<i>Nucula annulata</i>	<i>5</i>
<i>Nucula delphinodonta</i>	<i>3, 5, 10</i>
<i>Nucula proxima</i>	<i>1, 2, 3, 4, 5, 7, 9, 10</i>
<i>Nucula tenuis</i>	<i>1, 2, 5</i>
Family Nuculanidae	
<i>Nuculana pernula</i>	<i>5, 10</i>
<i>Nuculana tenuisulcata</i>	<i>2, 5, 11</i>
<i>Yoldia sp.</i>	<i>10</i>
<i>Yoldia inflata</i>	<i>2</i>
<i>Yoldia limatula</i>	<i>1, 5, 9, 10</i>
<i>Yoldia myalis</i>	<i>5</i>
<i>Yoldia sapotilla</i>	<i>2, 5, 10</i>
<i>Yoldia thraciaeformis</i>	<i>1, 3, 5, 10</i>
Subclass Pteriomorphia	
Order Prionodontida	
Family Arcidae	
<i>Anadara transversa</i>	<i>10</i>

	Region
Order Pteroconchida	
Family Mytilidae	
<i>Crenella decussata</i>	5, 10
<i>Crenella faba</i>	10
<i>Crenella glandula</i>	2, 5, 9
<i>Modiolus demissus</i>	1, 2, 4, 5, 9, 10, 11
<i>Modiolus modiolus</i>	1, 3, 4, 5, 6, 7, 8, 9, 10, 11
<i>Musculus sp.</i>	11
<i>Musculus discors</i>	8, 9
<i>Musculus niger</i>	9
<i>Mytilus edulis</i>	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11
Family Ostreidae	
<i>Crassostrea virginica</i>	5, 11
<i>Ostrea edulis</i>	5
Family Pectinidae	
<i>Chlamys islandicus</i>	5, 9
<i>Placopecten magellanicus</i>	1, 3, 4, 5, 9, 10, 11
Family Anomiidae	
<i>Anomia aculeata</i>	3, 5, 8, 9, 11
<i>Anomia simplex</i>	1, 5, 7, 8, 9, 10, 11
Subclass Teleodesmata	
Order Heterodontida	
Family Astartidae	
<i>Astarte sp.</i>	5
<i>Astarte borealis</i>	1, 3, 8, 9, 10
<i>Astarte castanea</i>	5, 8, 9
<i>Astarte elliptica</i>	9
<i>Astarte striata</i>	2
<i>Astarte subaequilatera</i>	3, 5, 9
<i>Astarte undata</i>	2, 3, 5, 9, 10, 11
Family Carditidae	
<i>Cardita borealis</i>	1, 2, 3, 5, 9, 10
Family Arcticidae	
<i>Arctica islandica</i>	2, 3, 5, 6, 9, 10, 11
Family Leptonidae	
<i>Kellia suborbicularis</i>	2
Family Montacutidae	
<i>Montacuta sp.</i>	10
<i>Mysella sp.</i>	10
Family Turtoniidae	
<i>Turtonia sp.</i>	10
Family Lucinidae	
<i>Lucinoma sp.</i>	10
Family Thyasiridae	
<i>Thyasira sp.</i>	2, 5, 9
<i>Thyasira gouldii</i>	2, 5, 10
<i>Thyasira insignis</i>	10
Family Ungulinidae	
<i>Diplodonta verrilli</i>	2
Family Cardiidae	
<i>Cerastoderma sp.</i>	11
<i>Cerastoderma pinnulatum</i>	1, 2, 3, 5, 7, 9, 10, 11
<i>Clinocardium ciliatum</i>	5, 9

	Region
Family Veneridae	
<i>Gemma gemma</i>	<i>1, 4, 5, 6, 9, 10</i>
<i>Mercenaria mercenaria</i>	<i>3, 4, 5, 6, 10, 11</i>
<i>Pitar morrhuanus</i>	<i>3, 5, 10</i>
Family Petricolidae	
<i>Petricola pholadiformis</i>	<i>4, 5, 6</i>
Family Mactridae	
<i>Mulinia lateralis</i>	<i>5, 6</i>
<i>Spisula polynyma</i>	<i>1</i>
<i>Spisula solidissima</i>	<i>1, 5, 6, 10, 11</i>
Family Mesodesmatidae	
<i>Mesodesma arctatum</i>	<i>1, 11</i>
<i>Mesodesma deaurata</i>	<i>10</i>
Family Tellinidae	
<i>Macoma sp.</i>	<i>4</i>
<i>Macoma balthica</i>	<i>1, 4, 5, 6, 7, 9, 10, 11</i>
<i>Macoma calcarea</i>	<i>10</i>
<i>Macoma tenta</i>	<i>1</i>
<i>Tellina agilis</i>	<i>1, 4, 5, 6, 10</i>
Family Solenidae	
<i>Ensis directus</i>	<i>4, 5, 6, 8, 10, 11</i>
<i>Siliqua costata</i>	<i>5</i>
Family Myidae	
<i>Mya arenaria</i>	<i>1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11</i>
<i>Mya truncata</i>	<i>5, 9, 10</i>
Family Hiatellidae	
<i>Hiatella sp.</i>	<i>5</i>
<i>Hiatella arctica</i>	<i>1, 4, 5, 7, 8, 9, 11</i>
<i>Hiatella striata</i>	<i>2, 5, 9</i>
Family Pholadidae	
<i>Zirfaea crispata</i>	<i>3, 5, 9</i>
Family Teredinidae	
<i>Teredo navalis</i>	<i>5, 11</i>
Subclass Anomalodesmata	
Order Eudesmodontida	
Family Pandoridae	
<i>Pandora glacialis</i>	<i>2, 5</i>
<i>Pandora gouldiana</i>	<i>5, 6</i>
Family Lyonsiidae	
<i>Lyonsia arenosa</i>	<i>2, 5</i>
<i>Lyonsia hyalina</i>	<i>1, 5, 9</i>
Family Periplomatidae	
<i>Periploma fragilis</i>	<i>1, 2, 5</i>
<i>Periploma papyratium</i>	<i>5, 10</i>
Family Thraciidae	
<i>Thracia conradi</i>	<i>5, 10</i>
<i>Thracia myopsis</i>	<i>5, 10</i>
Order Septibranchida	
Family Cuspidariidae	
<i>Cuspidaria sp.</i>	<i>2, 10</i>

## Region

Class Cephalopoda	
Subclass Coleoidea	
Order Teuthidida	
Family Ommastrephidae	
<i>Illex illecebrosus</i>	4, 9, 11
Family Loliginidae	
<i>Loligo pealei</i>	4, 5
Order Octopodida	
Family Octopodidae	
<i>Bathypolypus arcticus</i>	7, 11

## PHYLUM ANELIDA

Class Polychaeta	
Order Archiannelida	
Family Dinophilidae	
<i>Dinophilus sp.</i>	5, 11
Order Phyllodocida	
Family Phyllodocidae	
<i>Eteone sp.</i>	1, 5, 7, 10
<i>Eteone flava</i>	5
<i>Eteone heteropoda</i>	1, 5, 9
<i>Eteone lactea</i>	1, 5, 6, 10, 11
<i>Eteone longa</i>	1, 2, 5, 7, 8, 10, 11
<i>Eteone trilineata</i>	2, 5
<i>Eulalia bilineata</i>	1
<i>Eulalia viridis</i>	4, 5, 9, 11
<i>Eumida maculosa</i>	10
<i>Eumida sanguinea</i>	5
<i>Mystides borealis</i>	9
<i>Paranaitis speciosa</i>	1, 11
<i>Phyllodoce sp.</i>	5
<i>Phyllodoce arenae</i>	1, 5
<i>Phyllodoce groenlandica</i>	1, 4, 5, 7, 9, 10
<i>Phyllodoce maculata</i>	1, 2, 4, 5, 8, 10, 11
<i>Phyllodoce mucosa</i>	2, 4, 5, 10, 11
Family Tomopteridae	
<i>Tomopteris helgolandica</i>	9
Family Aphroditidae	
<i>Aphrodita hastata</i>	3, 11
Family Polynoidae	
<i>Antinoella sarsi</i>	2
<i>Gattyana sp.</i>	5
<i>Gattyana cirrosa</i>	2, 4, 5, 8, 9
<i>Harmothoe sp.</i>	1, 4, 5
<i>Harmothoe acanellae</i>	11
<i>Harmothoe extenuata</i>	1, 2, 5, 10, 11
<i>Harmothoe imbricata</i>	1, 4, 5, 7, 8, 9, 10, 11
<i>Harmothoe nodosa</i>	2, 4, 5
<i>Harmothoe oerstedi</i>	10, 11

	Region
<i>Harmothoe spinulosa</i>	2
<i>Hartmania moorei</i>	2, 5
<i>Lepidametria commensalis</i>	9, 11
<i>Lepidonotus</i> sp.	4, 5, 6
<i>Lepidonotus squamatus</i>	1, 2, 4, 5, 7, 8, 9, 10, 11
<i>Lepidonotus sublevis</i>	5
Family Sigalionidae	
<i>Pholoe minuta</i>	1, 2, 4, 5, 10
<i>Sthenelais limicola</i>	5, 11
Family Chrysopetalidae	
<i>Dysponetus pygmaeus</i>	5, 9
Family Glyceridae	
<i>Glycera</i> sp.	10
<i>Glycera americana</i>	4, 5, 6, 11
<i>Glycera capitata</i>	1, 2, 5, 10
<i>Glycera dibranchiata</i>	1, 2, 4, 5, 6, 7, 9, 10
<i>Glycera robusta</i>	5, 10
Family Goniadidae	
<i>Goniada maculata</i>	1, 5, 10
<i>Goniada norvegica</i>	3
Family Sphaerodoridae	
<i>Ephesiella minuta</i>	5, 9
Family Nephtyidae	
<i>Aglaophamus</i> sp.	1, 5
<i>Aglaophamus circinata</i>	5
<i>Aglaophamus verrilli</i>	10
<i>Nephtys</i> sp.	4, 5, 6, 10, 11
<i>Nephtys bucera</i>	1, 5, 6, 7, 9, 10, 11
<i>Nephtys caeca</i>	1, 2, 4, 5, 7, 8, 9, 10, 11
<i>Nephtys ciliata</i>	2, 4, 5, 6, 8, 9, 10
<i>Nephtys discors</i>	2, 5, 8, 10
<i>Nephtys incisa</i>	1, 2, 3, 4, 5, 9, 10, 11
<i>Nephtys longosetosa</i>	5, 10
<i>Nephtys paradoxa</i>	9
<i>Nephtys picta</i>	1, 10
Family Syllidae	
<i>Amblyosyllis finmarchica</i>	5, 9
<i>Autolytus</i> sp.	5, 10, 11
<i>Autolytus alexandri</i>	5
<i>Autolytus cornutus</i>	5, 11
<i>Autolytus fasciatus</i>	5
<i>Autolytus prismaticus</i>	5, 8, 11
<i>Autolytus prolifer</i>	5
<i>Brania clavata</i>	5
<i>Eusyllis blomstrandi</i>	5, 9
<i>Exogone</i> sp.	1
<i>Exogone dispar</i>	5, 10
<i>Exogone hebes</i>	5
<i>Exogone verugera</i>	5
<i>Parupionosyllis</i> sp.	10
<i>Prionosyllis</i> sp.	5

	Region
<i>Streptosyllis varians</i>	9
<i>Syllis cornuta</i>	2, 5, 9
<i>Syllis gracilis</i>	2
Family Hesionidae	
<i>Gyptis vittata</i>	9
<i>Microphthalmus sp.</i>	5
<i>Microphthalmus aberrans</i>	5, 9
<i>Microphtalmus sczelkowii</i>	5
Family Pilargidae	
<i>Ancistrosyllis groenlandica</i>	5
Family Nereidae	
<i>Nereis sp.</i>	1, 4, 5, 6, 10, 11
<i>Nereis arenaceodentata</i>	1, 5, 10
<i>Nereis diversicolor</i>	1, 2, 5, 6, 9, 10
<i>Nereis grayi</i>	2, 5
<i>Nereis pelagica</i>	1, 2, 4, 5, 8, 9, 10, 11
<i>Nereis succinea</i>	5, 6, 10, 11
<i>Nereis virens</i>	1, 2, 4, 5, 6, 7, 8, 9, 10, 11
<i>Platynereis megalops</i>	1
Order Capitellida	
Family Capitellidae	
<i>Capitella capitata</i>	1, 2, 5, 10
<i>Heteromastus sp.</i>	4
<i>Heteromastus filiformis</i>	1, 3, 5, 6, 7, 10
<i>Notomastus sp.</i>	10
<i>Notomastus elongata</i>	10
<i>Notomastus latericeus</i>	9
<i>Notomastus luridus</i>	1
Family Arenicolidae	
<i>Arenicola marina</i>	4, 5, 7, 8, 9, 11
Family Scalibregmidae	
<i>Polyphysia crassa</i>	2, 5
<i>Scalibregma inflatum</i>	2, 5, 10
Family Maldanidae	
<i>Asychis sp.</i>	1
<i>Asychis capensis</i>	5
<i>Clymenella sp.</i>	5, 10
<i>Clymenella collaris</i>	10
<i>Clymenella torquata</i>	1, 2, 4, 5, 6, 7, 8, 9, 10, 11
<i>Clymenella zonalis</i>	1, 5, 9, 10
<i>Maldane sarsi</i>	1, 5, 10
<i>Maldanopsis elongata</i>	1, 2, 4, 5, 6, 10
<i>Nicomache sp.</i>	1
<i>Nicomache lumbricalis</i>	10
<i>Praxillella sp.</i>	5
<i>Praxillella gracilis</i>	5, 10
<i>Praxillella praetermissa</i>	5
<i>Praxillella ornata</i>	5
<i>Rhodine sp.</i>	5
<i>Rhodine attenuata</i>	2, 10
<i>Rhodine loveni</i>	5

	Region
Family Opheliidae	
<i>Ammotrypane aulogaster</i>	<i>1, 2, 5, 9</i>
<i>Ammotrypane fimbriata</i>	<i>11</i>
Order Sternaspida	
Family Sternaspidae	
<i>Sternaspis sp.</i>	<i>3, 5</i>
<i>Sternaspis fossor</i>	<i>1, 2, 5, 10</i>
<i>Sternaspis scutata</i>	<i>5, 10, 11</i>
Order Spionida	
Family Spionidae	
<i>Displo ucinata</i>	<i>10</i>
<i>Laonice cirrata</i>	<i>2, 5, 10</i>
<i>Polydora sp.</i>	<i>1, 5, 10</i>
<i>Polydora aggregata</i>	<i>4, 5</i>
<i>Polydora caulleryi</i>	<i>1, 5</i>
<i>Polydora ciliata*</i>	<i>1, 4, 5, 6, 9, 10</i>
<i>Polydora commensalis</i>	<i>5</i>
<i>Polydora concharum</i>	<i>5</i>
<i>Polydora gracilis</i>	<i>10</i>
<i>Polydora ligni*</i>	<i>1, 4, 5, 9, 10</i>
<i>Polydora quadrilobata</i>	<i>4, 5, 9</i>
<i>Polydora socialis</i>	<i>5, 10</i>
<i>Polydora websteri</i>	<i>4, 5</i>
<i>Prionospio sp.</i>	<i>5, 10, 11</i>
<i>Prionospio ehlersi</i>	<i>10</i>
<i>Prionospio malmgreni</i>	<i>1, 5</i>
<i>Prionospio plumosa</i>	<i>10</i>
<i>Prionospio steenstrupi</i>	<i>1, 5, 10</i>
<i>Pygospio elegans</i>	<i>1, 5, 9</i>
<i>Scolecolepis viridis</i>	<i>1, 5, 9, 10, 11</i>
<i>Scolelepis squamata</i>	<i>2, 5, 9</i>
<i>Spio sp.</i>	<i>10</i>
<i>Spio filicornis</i>	<i>5, 10</i>
<i>Spio pettiboneae</i>	<i>10</i>
<i>Spio setosa</i>	<i>1, 5, 6, 7, 9, 10, 11</i>
<i>Spiophanes sp.</i>	<i>2</i>
<i>Spiophanes bombyx</i>	<i>5, 6, 10</i>
<i>Streblospio benedicti</i>	<i>1, 5, 10</i>
Family Paraonidae	
<i>Aricidea sp.</i>	<i>5</i>
<i>Aricidea jeffreysii</i>	<i>1, 5, 10</i>
<i>Aricidea quadrilobata</i>	<i>5, 10</i>
<i>Aricidea suecica</i>	<i>5, 10</i>
<i>Paraonis sp.</i>	<i>10</i>
<i>Paraonis fulgens</i>	<i>1, 5, 6</i>
<i>Paraonis gracilis</i>	<i>5, 10</i>
<i>Paraonis lyra</i>	<i>10</i>

\*Rasmussen (1973) equates *Polydora ligni* Webster to *P. ciliata* (Johnston).

	Region
Family Apistobranchidae	
<i>Apistobranchus tullbergi</i>	1, 5
Family Chaetopteridae	
<i>Chaetopterus sp.</i>	2
Order Eunicida	
Family Eunicidae	
<i>Eunice pennata</i>	9, 10
<i>Marphysa sanguinea</i>	10
Family Lumbrinereidae	
<i>Lumbrineris sp.</i>	5
<i>Lumbrineris brevipes</i>	1, 3, 5, 10
<i>Lumbrineris coccinea</i>	2
<i>Lumbrineris latreilli</i>	2, 10
<i>Lumbrineris fragilis</i>	1, 2, 5, 9, 10
<i>Lumbrineris tenuis</i>	1, 2, 5, 6, 9, 10
<i>Ninoe nigripes</i>	1, 2, 3, 5, 9, 10
Family Arabellidae	
<i>Arabella iricolor</i>	1, 5, 6, 9
<i>Drilonereis sp.</i>	3
<i>Drilonereis longa</i>	3, 10
<i>Drilonereis magna</i>	9, 10
Family Dorvilleidae	
<i>Stauronereis caecus</i>	5
<i>Stauronereis rudolphi</i>	5
Order Amphinomida	
Family Euphosinidae	
<i>Euphosine armadillo</i>	5
Order Ariciida	
Family Orbiniidae	
<i>Naineris quadricuspida</i>	2, 5, 9, 10, 11
<i>Orbinia sp.</i>	2
<i>Orbinia ornata</i>	11
<i>Orbinia swani</i>	11
<i>Scoloplos sp.</i>	5, 6
<i>Scoloplos acutus</i>	1, 2, 5, 9, 10, 11
<i>Scoloplos armiger</i>	2, 5, 10
<i>Scoloplos fragilis</i>	5, 6, 9, 10, 11
<i>Scoloplos riseri</i>	10
<i>Scoloplos robustus</i>	1, 2, 5, 9, 10
Order Cirratulida	
Family Cirratulidae	
<i>Caulieriella sp.</i>	5
<i>Chaetozone setosa</i>	2
<i>Cirratulus sp.</i>	5
<i>Cirratulus cirratus</i>	5, 10, 11
<i>Cirratulus grandis</i>	1, 11
<i>Cossura sp.</i>	1, 5
<i>Cossura longocirrata</i>	1, 10
<i>Dodecaceria concharum</i>	10
<i>Tharyx sp.</i>	5, 10
<i>Tharyx acutus</i>	9, 10, 11

	Region
Order Oweniida	
Family Oweniidae	
<i>Myriochele</i> sp.	3
<i>Myriochele heeri</i>	2, 5, 10
<i>Owenia</i> sp.	10
<i>Owenia fusiformis</i>	5, 10
Order Terebellida	
Family Pectinariidae	
<i>Pectinaria</i> sp.	1, 5
<i>Pectinaria gouldii</i>	1, 2, 5, 9, 10, 11
<i>Pectinaria granulata</i>	1, 5, 9
<i>Pectinaria hyperborea</i>	1, 5
Family Ampharetidae	
<i>Ampharete</i> sp.	1, 2, 3, 5
<i>Ampharete acutifrons</i>	1, 2, 5, 10
<i>Amphiceteis extenuata</i>	1
<i>Amphiceteis gunneri</i>	1, 10
<i>Anobothrus gracilis</i>	1, 2, 5
<i>Asabellides</i> sp.	5
<i>Asabellides oculata</i>	1, 10
<i>Hypaniola grayi</i>	1, 5
<i>Melinna cristata</i>	3
<i>Melinna elisabethae</i>	5
<i>Sabellides</i> sp.	5
<i>Sabellides octocirrata</i>	10
<i>Samyphella elongata</i>	10, 11
<i>Samyphella sexcirrata</i>	10
Family Terebellidae	
<i>Amphitrite</i> sp.	4, 5, 11
<i>Amphitrite affinis</i>	9
<i>Amphitrite brunnea</i>	4, 6, 9
<i>Amphitrite cirrata</i>	8, 9
<i>Amphitrite johnstoni</i>	5, 7, 8, 9, 11
<i>Amphitrite ornata</i>	7, 8, 9, 11
<i>Enoplobranchus sanguineus</i>	11
<i>Nicolea venustula</i>	5, 10, 11
<i>Pista maculata</i>	10
<i>Pista palmata</i>	11
<i>Polycirrus</i> sp.	5, 7, 10
<i>Polycirrus eximius</i>	5, 7, 9
<i>Polycirrus medusa</i>	5
<i>Terebellides stroemi</i>	1, 2, 3, 5, 10
<i>Thelepus cincinnatus</i>	1, 5, 9, 11
<i>Trichobranchus</i> sp.	5
<i>Trichobranchus glacialis</i>	2, 3, 5, 10
Order Flabelligerida	
Family Flabelligeridae	
<i>Brada granosa</i>	9
<i>Brada setosa</i>	9
<i>Brada villosa</i>	5

	Region
<i>Diplocirrus hirsutus</i>	1, 2, 5, 10
<i>Flabelligera affinis</i>	5
<i>Pherusa sp.</i>	6
<i>Pherusa affinis</i>	1, 5, 7, 9, 10
<i>Pherusa arenosa</i>	5
<i>Pherusa plumosa</i>	1, 5, 11
Order Sabellida	
Family Sabellidae	
<i>Euchone elegans</i>	10
<i>Euchone rubrocincta</i>	5
<i>Fabricia sabella</i>	5, 7, 9, 11
<i>Myxicola infundibulum</i>	3, 5, 8, 9, 11
<i>Potamilla neglecta</i>	1, 2, 5, 10, 11
<i>Potamilla reniformis</i>	5, 7, 9, 10, 11
<i>Sabellla crassicornis</i>	5, 9, 11
<i>Sabellla microphthalma</i>	10
Family Serpulidae	
<i>Filograna implexa</i>	9
<i>Hydroides sp.</i>	11
<i>Hydroides dianthus</i>	5, 9
<i>Spirorbis sp.</i>	6, 7, 8, 9, 10, 11
<i>Spirorbis borealis</i>	4, 5, 6, 7, 8, 9, 11
<i>Spirorbis spirillum</i>	7, 9, 11
Family Unknown	
<i>Amphiglena c.f. mediterranea</i>	10
<i>Intertoe sedis #1 &amp; #2</i>	10
<i>Laoname kroyeri</i>	10
<i>Malacoceros sp.</i>	10
<i>Manayunkia sp.</i>	1, 5
<i>Therochaeta sp.</i>	5
Class Oligochaeta	1, 4, 5, 10
Order Plesiopora	
Family Naididae	1
Family Enchytraeidae	
<i>Enchytraeus albidus</i>	9
Family Tubificidae	
<i>Clitellio arenarius</i>	4, 5, 6, 7, 8, 9, 11
Class Hirudinea	
Order Rhynchobdellae	
Family Piscicolidae	
<i>Piscicola rapax</i>	5, 11
<i>Platybdella sp.</i>	1
<i>Trachelobdella sp.</i>	5

#### PHYLUM SIPUNCULA

<i>Golfingia minuta</i>	5, 11
<i>Golfingia procera</i>	10
<i>Phascolion strombi</i>	5, 10
<i>Phascolopsis gouldii</i>	9, 11

## PHYLUM ARTHROPODA

	Region
Subphylum Pycnogonida	
Class Pantopoda	
Family Nymphonidae	
<i>Nymphon</i> sp.	1, 5
<i>Nymphon grossipes</i>	5
Family Ammotheidae	
<i>Achelia spinosa</i>	5
Family Tanystylidae	
<i>Tanystylum orbiculare</i>	9, 11
Family Phoxichilidiidae	
<i>Anoplodactylus latus</i>	9, 11
<i>Phoxichilidium</i> sp.	9
<i>Phoxichilidium femoratum</i>	5, 9, 11
Family Pycnogonidae	
<i>Pycnogonum littorale</i>	7, 9
Family Pallenidae	
<i>Callipallene brevirostris</i>	5
Subphylum Chelicerata	
Class Merostomata	
Order Xiphosurida	
Family Limulidae	
<i>Limulus polyphemus</i>	3, 4, 5, 6
Subphylum Mandibulata	
Class Crustacea	
Subclass Ostracoda	
Order Myodocopida	
<i>Sarsiella zostericola</i>	5
Subclass Cirripedia	
Order Thoracica	
Suborder Lepadomorpha	
Family Lepadidae	
<i>Lepas</i> sp.	5
<i>Lepas anatifera</i>	9
Suborder Balanomorpha	
Family Balanidae	
<i>Balanus</i> sp.	1, 4, 5, 6
<i>Balanus amphitrite</i>	7
<i>Balanus balanoides</i>	1, 4, 5, 6, 7, 8, 9, 10, 11
<i>Balanus balanus</i>	4, 5, 7, 8, 9, 11
<i>Balanus crenatus</i>	4, 5, 10, 11
<i>Balanus eburneus</i>	7, 11
<i>Balanus hameri</i>	5, 6
<i>Balanus improvisus</i>	1, 5, 7
Subclass Malacostraca	
Series Leptostraca	
Superorder Phyllocarida	
Order Nebaliacea	
<i>Nebalia bipes</i>	11
Series Eumalacostraca	
Superorder Peracarida	

	Region
Order Cumacea	
Family Bodotriidae	
<i>Cyclaspis varians</i>	5
<i>Mancocuma stellifera</i>	6, 9, 11
<i>Leptocuma minor</i>	5
Family Leuconidae	
<i>Eudorella sp.</i>	5
<i>Eudorella emarginata</i>	5, 10
<i>Eudorella hispida</i>	5
<i>Eudorella truncatula</i>	5, 10
<i>Eudorellopsis deformis</i>	5
<i>Leucon americanus</i>	5
Family Diastylidae	
<i>Diastylis sp.</i>	1, 5
<i>Diastylis polita</i>	5
<i>Diastylis quadrispinosa</i>	1, 5, 10, 11
<i>Diastylis sculpta</i>	5, 10
<i>Leptostylis ampullacea</i>	10
<i>Oxyurostylis smithi</i>	5
Order Tanaidacea	
Family Paratanaidae	
<i>Leptocheilia sp.</i>	10
<i>Leptocheilia rapax</i>	5
<i>Leptocheilia savignyi</i>	5
Order Isopoda	
Suborder Gnathiidea	
Family Gnathiidae	
<i>Gnathia sp.</i>	1
Suborder Anthuridea	
Family Anthuridae	
<i>Cyathura sp.</i>	5, 11
<i>Cyathura polita</i>	1, 5, 10
Suborder Flabellifera	
Family Cirolanidae	
<i>Cirolana concharum</i>	5, 9
Family Limnoridae	
<i>Limnoria lignorum</i>	5, 11
Suborder Valvifera	
Family Idoteidae	
<i>Chiridotea coeca</i>	6, 9
<i>Chiridotea tuftsi</i>	5
<i>Edotea sp.</i>	1, 9
<i>Edotea montosa</i>	10
<i>Edotea triloba</i>	1, 5, 7, 9, 10, 11
<i>Erichsonella attenuata</i>	10
<i>Idotea sp.</i>	5, 6, 10, 11
<i>Idotea baltica</i>	1, 4, 5, 8, 9, 10, 11
<i>Idotea phosphorea</i>	1, 4, 5, 9, 10, 11
Suborder Asellota	
Family Janiridae	
<i>Jaera marina*</i>	1, 4, 5, 6, 7, 9, 10, 11

\*Includes at least three component species in Maine: *Jaera albifrons*, *J. ischiosetosa* and *J. praealarsuta*.

	Region
Suborder Oniscoidea	
Family Oniscidae	
<i>Philoscia vittata</i>	5
Family Ligididae	
<i>Ligia oceanica</i>	11
Order Amphipoda	
Suborder Hyperiidea	
Family Hyperiidae	
<i>Hyperia galba</i>	4
<i>Parathemisto compressa</i>	9
Suborder Gammaridea	
Family Ampeliscidae	
<i>Ampelisca sp.</i>	1, 5, 10
<i>Ampelisca abdita</i>	1, 4, 10
<i>Ampelisca aequicornis</i>	5
<i>Ampelisca agassizi</i>	5
<i>Ampelisca declivitatus</i>	10
<i>Ampelisca macrocephala</i>	1, 5, 10
<i>Ampelisca spinipes*</i>	1, 5
<i>Ampelisca vadorum</i>	5
<i>Byblis sp.</i>	5
<i>Byblis serrata</i>	5, 10
<i>Haploops spinosus</i>	1
<i>Haploops tubicola</i>	10
Family Ampithoidae	
<i>Ampithoe sp.</i>	1
<i>Ampithoe longimana</i>	11
<i>Ampithoe rubricata</i>	1, 5, 9, 10
<i>Ampithoe valida</i>	5
<i>Cymadusa compta</i>	1
Family Argissidae	
<i>Argissa sp.</i>	2
<i>Argissa typica</i>	5
Family Calliopidae	
<i>Calliopius laeviusculus</i>	1, 5, 7, 9
Family Corophiidae	
<i>Corophium sp.</i>	1, 5, 9, 10
<i>Corophium acherusicum</i>	5
<i>Corophium bonelli</i>	5
<i>Corophium crassicornis</i>	1, 5, 10
<i>Corophium insidiosum</i>	1, 10
<i>Corophium lacustre</i>	1, 5
<i>Corophium volutator</i>	1, 5, 7, 9, 10, 11
<i>Erichthonius rubricornis</i>	5, 10
<i>Unciola sp.</i>	5
Family Gammaridae	
<i>Casco bigelowi</i>	5, 10
<i>Gammarus sp.</i>	1, 4, 5, 6, 7, 8, 9, 11

\**Ampelisca spinipes* = *A. abdita* and *A. vadorum*.

	Region
<i>Gammarus annulatus</i>	5, 7, 11
<i>Gammarus lawrencianus</i>	1, 10
<i>Gammarus locusta*</i>	1, 4, 5, 7, 10, 11
<i>Gammarus mucronatus</i>	5
<i>Gammarus oceanicus</i>	1, 4, 5, 7, 8, 9, 10, 11
<i>Gammarus palustris</i>	11
<i>Gammarus setosus</i>	8
<i>Gammarus tigrinus</i>	5
<i>Marinogammarus sp.</i>	9
<i>Marinogammarus finmarchicus</i>	4
<i>Marinogammarus obtusatus</i>	4
<i>Melita sp.</i>	5
<i>Melita dentata</i>	1, 5, 10
<i>Melita nitida</i>	5
Family Haustoriidae	
<i>Haustorius sp.</i>	5, 10
<i>Pontoporeia femorata</i>	1, 5
Family Hyalidae	
<i>Allorchestes littoralis</i>	1
<i>Hyale sp.</i>	5
<i>Hyale prevostii</i>	5, 11
Family Ischyroceridae	
<i>Jassa sp.</i>	5, 9, 10
<i>Jassa falcata</i>	1, 5
Family Lysianassidae	
<i>Anonyx compactus</i>	10
<i>Anonyx lilljeborgi</i>	5
<i>Anonyx nugax</i>	1, 9
<i>Hippomedon propinguus</i>	10
<i>Lysianopsis alba</i>	1
<i>Orchomonella sp.</i>	1
<i>Orchomonella minuta</i>	5
<i>Orchomonella pinguis</i>	5, 11
<i>Tryphosa pinguis</i>	1
Family Oedicerotidae	
<i>Monoculodes sp.</i>	1, 5
<i>Monoculodes intermedius</i>	5
Family Paramphithoidae	
<i>Paramphithoe sp.</i>	5
Family Photidae	
<i>Leptocheirus pinguis</i>	1, 5, 9, 10
<i>Photis sp.</i>	9, 10
<i>Photis macrocoxa</i>	10
<i>Photis reinhardi</i>	10
<i>Podoceropsis sp.</i>	2
Family Phoxocephalidae	
<i>Harpinia sp.</i>	5
<i>Harpinia propinqua</i>	5, 10
<i>Paraphoxus spinosus</i>	1
<i>Phoxocephalus sp.</i>	1
<i>Phoxocephalus holbotti</i>	1, 5, 10

\*Bousfield reports *G. locusta* as being "European exclusively."

	Region
Family Pleustidae	
<i>Stenopleustes inermis</i>	10
Family Podoceridae	
<i>Dulichia sp.</i>	5
<i>Dulichia monacantha</i>	10
<i>Dulichia porrecta</i>	1
<i>Paradulichia typica</i>	5
Family Pontogeneiidae	
<i>Pontogeneia inermis</i>	5
Family Stegocephalidae	
<i>Stegocephalus inflatus</i>	1
Family Stenothoidae	
<i>Stenothoe sp.</i>	5
Family Talitridae	
<i>Orchestia sp.</i>	6, 10
<i>Orchestia gammarella</i>	7
<i>Orchestia grillus</i>	5
<i>Orchestia platensis</i>	1, 4, 5, 7
<i>Orchestia uhleri</i>	11
<i>Talorchestia longicornis</i>	1, 4
Family Tironidae	
<i>Syrrhoe crenulata</i>	10
Suborder Caprellidea	
Family Caprellidae	
<i>Aeginella longicornis</i>	4, 5, 9, 10
<i>Caprella sp.</i>	5, 9
<i>Caprella linearis</i>	5, 7, 8, 11
<i>Caprella penantis</i>	5, 9
<i>Caprella septentrionalis</i>	9, 11
<i>Mayerella limicola</i>	10
Order Mysidacea	
Family Mysidae	
<i>Erythrops erythroptalma</i>	1
<i>Meterythrops robustus</i>	1, 5, 10
<i>Mysis gaspensis</i>	4, 9
<i>Mysis mixta</i>	9
<i>Mysis stenolepis</i>	1, 4, 5, 9, 10, 11
<i>Neomysis americana</i>	1, 5, 10
<i>Praunus flexuosus</i>	1, 4, 5, 9, 11
Superorder Eucarida	
Order Euphausiacea	
Family Euphausiidae	
<i>Meganyctiphanes norvegica</i>	11
Order Decapoda	
Infraorder Caridea	
Family Palaemonidae	
<i>Palaemonetes pugio</i>	6, 9, 10
<i>Palaemonetes vulgaris</i>	9

	Region
Family Hippolytidae	
<i>Eualus fabricii</i>	5, 9, 11
<i>Eualus gaimardii</i>	5
<i>Eualus pusiolus</i>	5, 7, 11
<i>Lebbeus groenlandicus</i>	5, 9, 11
<i>Lebbeus polaris</i>	9
<i>Spirontocaris spinus</i>	5
Family Pandalidae	
<i>Pandalus borealis</i>	5, 10, 11
<i>Pandalus montagui</i>	5, 9, 10, 11
Family Crangonidae	
<i>Crangon sp.</i>	6
<i>Crangon septemspinosa</i>	1, 4, 5, 6, 7, 9, 10, 11
<i>Sclerocrangon boreas</i>	8, 9
Infraorder Astacidea	
Family Nephropsidae	
<i>Homarus americanus</i>	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11
Infraorder Anomura	
Superfamily Paguroidea	
Family Paguridae	
<i>Pagurus sp.</i>	4, 6, 11
<i>Pagurus acadianus</i>	1, 4, 5, 8, 9, 11
<i>Pagurus longicarpus</i>	5, 7, 9, 10, 11
<i>Pagurus pollicaris</i>	1, 7
<i>Pagurus pubescens</i>	4, 5, 9, 11
Family Lithodidae	
<i>Lithodes maia</i>	5, 11
Infraorder Brachyura	
Section Oxyrhyncha	
Family Majidae	
<i>Hyas sp.</i>	3
<i>Hyas araneus</i>	4, 5, 9
<i>Hyas coarctatus</i>	7, 8, 9
<i>Libinia sp.</i>	7
<i>Libinia dubia</i>	9, 11
<i>Libinia emarginata</i>	8, 9
Section Cancridea	
Family Cancridae	
<i>Cancer sp.</i>	1, 6, 10
<i>Cancer borealis</i>	4, 5, 6, 8, 9, 10, 11
<i>Cancer irroratus</i>	1, 4, 5, 6, 7, 8, 9, 10, 11
Section Brachyrhyncha	
Family Portunidae	
<i>Carcinus maenas</i>	1, 4, 5, 6, 7, 8, 9, 10, 11
Family Xanthidae	
<i>Neopanope sayi</i>	5
<i>Rhithropanopeus harrisi</i>	5, 11
Family Geryonidae	
<i>Geryon quinquedens</i>	11

	Region
Class Insecta	
Subclass Apterygota	
Order Collembola	
<i>Anurida maritima</i>	<i>6, 10, 11</i>

### PHYLUM ECHINODERMATA

Class Holothuroidea	
Order Dendrochirotida	
Family Psolidae	
<i>Psolus fabricii</i>	<i>4, 5, 9, 11</i>
<i>Psolus phantapus</i>	<i>8, 9</i>
<i>Psolus valvatus</i>	<i>10</i>
Family Phyllophoridae	
<i>Havelockia scabra</i>	<i>5</i>
<i>Pentamera calcigera</i>	<i>1</i>
Family Cucumariidae	
<i>Cucumaria sp.</i>	<i>11</i>
<i>Cucumaria frondosa</i>	<i>4, 5, 7, 8, 9, 11</i>
Order Apodida	
Family Synaptidae	
<i>Leptosynapta sp.</i>	<i>4</i>
<i>Leptosynapta roseola</i>	<i>9</i>
Family Chiridotidae	
<i>Chiridota laevis</i>	<i>4, 5, 7, 8, 9</i>
Order Molpadiida	
Family Caudinidae	
<i>Caudina arenata</i>	<i>5, 11</i>
Class Echinoidea	
Order Echinida	
Family Strongylocentrotidae	
<i>Strongylocentrotus droebachiensis</i>	<i>1, 3, 4, 5, 6, 7, 8, 9, 10, 11</i>
Order Clypeasteroida	
Family Echinarachnidiae	
<i>Echinarachnius parma</i>	<i>1, 4, 5, 6, 7, 8, 9, 10, 11</i>
Class Stelleroidea	
Subclass Asteroidea	
Order Paxillosida	
Family Gonipectinidae	
<i>Ctenodiscus crispatus</i>	<i>3, 5, 10, 11</i>
Order Valvatida	
Family Goniasteridae	
<i>Hippasteria phrygiana</i>	<i>8, 9, 11</i>
Order Spinulosida	
Family Solasteridae	
<i>Solaster endeca</i>	<i>4, 5, 8, 9, 10, 11</i>
<i>Solaster papposus</i>	<i>5, 8, 9, 11</i>
Family Pterasteridae	
<i>Pteraster militaris</i>	<i>9</i>

	Region
Family Echinasteridae	
<i>Henricia spp. (sanguinolenta)</i>	<i>3, 4, 5, 6, 7, 8, 9, 11</i>
Order Forcipulatida	
Family Asteriidae	
<i>Asterias sp.</i>	<i>1, 3, 6, 10, 11</i>
<i>Asterias forbesii</i>	<i>1, 4, 5, 6, 8, 9, 10, 11</i>
<i>Asterias vulgaris</i>	<i>1, 3, 4, 5, 6, 7, 8, 9, 10, 11</i>
<i>Leptasterias sp.</i>	<i>7</i>
<i>Leptasterias littoralis</i>	<i>8, 9</i>
<i>Leptasterias mulleri</i>	<i>9, 11</i>
<i>Lepasterias tenera</i>	<i>8, 9, 11</i>
Subclass Ophiuroidea	
Order Phrymophiurida	
Family Gorgonocephalida	
<i>Gorgonocephalus arcticus</i>	<i>5, 8, 9</i>
Order Ophiurida	
Family Ophiuridae	
<i>Ophiura sp.</i>	<i>5</i>
<i>Ophiura robusta</i>	<i>5, 11</i>
<i>Ophiura sarsi</i>	<i>5, 11</i>
Family Ophiacanthidae	
<i>Ophiomitrella clavigera</i>	<i>10</i>
Family Ophiactidae	
<i>Ophiopholis sp.</i>	<i>6, 7</i>
<i>Ophiopholis aculeata</i>	<i>1, 4, 5, 8, 9, 10, 11</i>
Family Amphiuridae	
<i>Amphipholis squamata</i>	<i>1, 3, 5, 7, 8, 9, 10, 11</i>

#### PHYLUM HEMICHORDATA

Class Enteropneusta	
Family Harrimaniidae	
<i>Saccoglossus kowalewskii</i>	<i>5, 7, 9, 11</i>
<i>Stereobalanus canadensis</i>	<i>5</i>

#### PHYLUM CHORDATA

Class Ascidiacea	
Order Enterogona	
Suborder Aplousobranchia	
Family Polyclinidae	
<i>Amaroucium sp.</i>	<i>1, 5, 8, 9</i>
<i>Amaroucium glabrum</i>	<i>4, 7</i>
<i>Amarouciun pellucidum</i>	<i>5</i>
<i>Amarouciun stellatum</i>	<i>5, 9</i>
Family Didemnidae	
<i>Didemnum albidum</i>	<i>4, 5, 8, 9, 11</i>
<i>Didemnum candidum</i>	<i>9</i>
Suborder Phlebobranchia	
Family Cionidae	
<i>Ciona intestinalis</i>	<i>8, 9, 10</i>

	Region
Family Ascidiidae	
<i>Ascidia callosa</i>	4
Order Pleurogona	
Suborder Stolidobranchiata	
Family Styelidae	
<i>Botryllus schlosseri</i>	5, 9, 11
<i>Dendrodoa carnea</i>	3, 4, 5, 9, 11
<i>Styela partita</i>	4, 9
Family Pyuridae	
<i>Boltenia echinata</i>	4, 5, 8, 9, 11
<i>Boltenia ovifera</i>	4, 5, 7, 8, 9, 10, 11
<i>Halocynthia pyriformis</i>	3, 4, 5, 8, 9, 10
Family Molgulidae	
<i>Bostrichobranchus pilularis</i>	5, 10
<i>Molgula sp.</i>	5, 8, 9
<i>Molgula arenata</i>	4, 9
<i>Molgula manhattensis</i>	4, 5, 9, 11
<i>Molgula retortiformis</i>	4
<i>Molgula siphonalis</i>	4

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